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TECH CENTER 1600/2900**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): BEASLEY et al.

Group Art Unit: 1627

Serial No.: 09/538,038

Examiner: Bennet Celsa

Filed: March 29, 2000

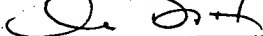
For: INSULIN AND IGF-1 RECEPTOR AGONISTS AND ANTAGONISTS

INFORMATION DISCLOSURE STATEMENTCommissioner for Patents
Washington, DC 20231

Sir:

Pursuant to Rule 56, applicant hereby calls the attention of the Patent Office to the references listed on the attached Form PTO 1449. Copy(ies) of these references ☒ are attached ☐ were filed in related application U.S. Serial No(s) _____, filed _____, respectively.

- ☐ This document is being filed within three (3) months of the filing date of the application
- ☐ Please charge the \$180 fee to Deposit Account No. 13-4500, Order No. _____.
- ☐ This document is being concurrently filed with the above-identified application
- ☐ This document is being concurrently filed with an Request for Continued Examination (RCE)
- ☒ This document is being filed prior to a first Office Action on the merits.
- ☒ This document is accompanied by a Search Report/Communication cited in a corresponding PCT or foreign counterpart application.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. 1878-4051. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,
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Page 1 of 1

RELATED CASE SUBMISSION	Attorney Docket: 1878-4051	Serial No.: 09/538,038
	Applicant: BEASLEY et al.	
	Filing Date: March 29, 2000	Group Art Unit: 1627

RELATED CASES

Examiner Initial		Serial No.	Filing Date	Inventor(s)	Patent No. (if applicable)	Issue Date (if applicable)
	1	09/146,127	9/2/1998 (abandoned October 23, 2001)	BEASLEY et al.		
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Examiner	Date Considered
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FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket:
1878-4051

Serial No.:
09/538,038

Applicant:
BEASLEY et al.

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March 29, 2000

Group Art Unit:
1627

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
	5,652,214	7/1997	Lewis et al.	A61K	38/30	10/1992

FOREIGN PATENT DOCUMENTS

Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
	WO 93/08826 ✓	5/1993	International	A61K	37/02	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	WO 93/23067 ✓	11/1993	International	A61K	37/02	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	WO 97/07827	03/1997	International	A61K	48/00	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	WO 97/46683	12/1997	International	C12N	5/12	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	EP0 309 050	03/1989	Europe	C12N	15/00	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	DE 44 32 943 ✓	03/1996	Germany (abstract provided in English)	C07K	14/00	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	WO 99/28347	06/1999	International	C07K	14/705	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No

OTHER DOCUMENTS (continued)

	Wilson, R., et al., "2.2 MB of Contiguous Nucleotide Sequence from Chromosome III of C. Elegans", Nature, GB, MacMillan Journals Ltd., London, Vol. 368, No. 6466, 1994.
	Database WPI, Section Ch., Week 199747, Derwent Publications Ltd., London, GB; Class A96, An 1997-510880, XP002154566 & RU 2 078 769 C (A Med Biomed Chem Res Inst), 1997, ABSTRACT.
	Carroll PV, Umpleby M, Ward GS, Imuere S, Alexander E, Dunger D, Sonksen PH, and Russell-Jones DL (1997) rhIGF-I Administration Reduces Insulin Requirements, Decreases Growth Hormone Secretion, and Improves the Lipid Profile in Adults with IDDM. Diabetes 46:1453-1458
	Chen YCJ, Delbrook K, Dealwis C, Mimms L, Mushawar IK, and Mandecki W (1996) Discontinuous Epitopes of Hepatitis B Surface Antigen derived from a Filamentous Phage Peptide Library. Proc. Natl. Acad. Sci. U.S.A. 93:1997-2001.
	Conover CA (1996) Regulation and Physiological Role of Insulin-Like Growth Factor Binding Proteins. Endocr. J. 43S:S43-S48.
	Crowne EC, Samra JS, Cheetham T, Watts A, Holly JM, Dunger DB (1998) Recombinant Human Insulin-Like Growth Factor-I Abolishes Changes in Insulin Requirements Consequent Upon Growth Hormone Pulsatility in Young Adults with Type I Diabetes Mellitus. Metabolism 47:31-38.

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.
Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to Applicant.



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